



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/768,667

01/24/2001

Takeo Hoda

05058/02806

4380

24367

7590

06/16/2004

SIDLEY AUSTIN BROWN & WOOD LLP  
717 NORTH HARWOOD  
SUITE 3400  
DALLAS, TX 75201

EXAMINER

NGUYEN, HUY THANH

ART UNIT

PAPER NUMBER

2615

28

DATE MAILED: 06/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/768,667

Applicant(s)

HODA ET AL.

Examiner

HUY T NGUYEN

Art Unit

2615

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 March 2004 and 23 March 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 42,44-50 and 52-55 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 42,44-50 and 52-55 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2615

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 42 and 44-49 are rejected under 35 U.S.C. 102(e) as being anticipated by Tojo et al (5,737,014).

Regarding claims Tojo discloses a camera having a recording/reproducing apparatus (Figs. 1,3) reproducing the images signal . The apparatus comprises:

a first storing means (20) for storing a plurality of images column 2, lines 61-65);

a second memory (7) for storing a plurality of images;

a reproducing means for reproducing the image signals from the first memory and the image signal from the second memory ; and

a changer means (40,38,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively (column 18, lines 17-26, column 7, lines 14-20).

Art Unit: 2615

Tojo further reaches that the first memory is detachable and second memory is fixed since the second memory is inserted into the connection fixed in the camera (Fig. 3).

Tojo further teaches that the image pick up apparatus having body and the recorder 2 can be attached and combined with the image pickup apparatus to form a camera having a body that covers the first memory and second memory (column 9, lines 21-45).

In Remarks, applicant argues that the first memory is not detachable and install inside the body of the camera since the first memory is attaches to the camera when needed . In response, the examiner disagrees . It is noted that at column 2, lines 50-55, Tojo teaches that the camera comprises a imager 1 and recorder 2 and when the recorder 2 is attached to the image 1 the body of the camera that formed by body of imager 1 and recorder 2 covers the first memory and the first memory is inside the camera body.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any

Art Unit: 2615

inventions covered therein were made absent any evidence to the contrary.

Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

4. Claims 50 and 52-55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tojo et al in view of Pfeiler et al (4,709,385) .

Regarding claims 50 and 52-55, Tojo discloses a recording/reproducing apparatus (Fig. 1) reproducing the images signal . The apparatus comprises:

a first storing means (7) installed inside the camera body for storing a plurality of images column 2, lines 61-65);

a second memory (20) installed inside the camera body for storing a plurality of images;

a reproducing means having electrical connections to the first storing memory and second memory for reproducing the image signals from the first memory and the image signal from the second memory ; and

a changer means (40,38,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively (column 18, lines 17-26, column 7, lines 14-20).

Tojo fails to teaches the use of a buffer memory for storing the image from the first memory or second memory Pfeiler teaches a camera having a

Art Unit: 2615

memory receiving the images from one of two memories (8,9) (Fig. 1, image memory 12) via electrical connections . Therefore, it would have been obvious to one of ordinary skill in the art to modify Tojo by using a memory as taught by Pfeiler for storing the image signals from the first memory or second memory in order to easily control the timing of the image signal to be output to another device.

5. Claims 42 and 44-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Taka (5,162,833) al in view of Sasaki et al (5,034,804).

Regarding claims 42- 43 and 44-49, Taka discloses a camera having a body recording/reproducing apparatus (Fig. 1, column ) for recording and reproducing the image signal . The apparatus comprises:

a first storing means (10) installed inside the camera body for storing a plurality of images (column 3, lines 53-65)column 2, lines 61-65) ;

a second memory (12) installed inside the camera body for storing a plurality of images;

a reproducing means (14,16) for reproducing the image signals from the first memory and the image signal from the second memory ; and

a changer means (40,38,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively (column 8, lines 38-42, column 12, lines 55-60).

Taka teaches first memory and second memory are installed in the camera body since , at columns 3 and 4, Figs. 1 and 2 , Taka teaches the

Art Unit: 2615

internal circuits inside the camera including the first memory and second memory and buttons mount on camera body used for operating the first memory and second memory .

Taka fails to specifically teach that the first memory is detachable from the camera body . However, it is not that using detachable memory for storing the images is well known in the art as taught by Sasaki . Therefore, it would have been obvious to one of ordinary skill in the art to modify Taka with Sasaki by using a detachable memory as an alternative to the first memory of Taka for storing the images in order to easily replace or use or reuse the first memory when needed.

6. Claims 50 and 52-55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Taka (5,162,833) in view of Sasaki et al (5,034,804) and Pfeiler et al (4,709,385) .

Regarding claims 50 and 52-55, Taka discloses a camera having a recording/reproducing apparatus (Fig. 1) for recording and reproducing the image signal . The apparatus comprises:

- a first storing means (10) installed inside the camera body for storing a plurality of images (column 3, lines 53-65)column 2, lines 61-65) ;

- a second memory (12) installed inside the camera body for storing a plurality of images;

- a reproducing means (14,16) for reproducing the image signals from the first memory and the image signal from the second memory ; and

Art Unit: 2615

a changer means (40,38,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively (column 8, lines 38-42, column 12, lines 55-60).

Taka teaches first memory and second memory are installed in the camera body since, at columns 3 and 4, Figs. 1 and 2, Taka teaches the internal circuits inside the camera including the first memory and second memory and buttons mount on camera body used for operating the first memory and second memory.

Taka fails to specifically teach that the first memory is detachable from the camera body. However, it is not that using detachable memory for storing the images is well known in the art as taught by Sasaki. Therefore, it would have been obvious to one of ordinary skill in the art to modify Taka with Sasaki by using a detachable memory as an alternative to the first memory of Taka for storing the images in order to easily replace or use or reuse the first memory when needed.

Taka fails to teach the use a memory for receiving the images from the first memory or second memory.

Pfeiler discloses an apparatus for reproducing the image having a memory (12) for receiving the image signal to be reproduced on a display from one of two other memories via electrical connections (8 and 9).

It would have been obvious to one of ordinary skill in the art to modify Taka with Pfeiler by using a memory as taught by Pfeiler for receiving the image



Art Unit: 2615

from the first or second memory in order to easily control the timing of the image to be reproduced on a display.

7. Claims 42 and 44-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Konishita et al (4,897,732) in view of Takahashi (5,067,029).

Regarding claims Konishita discloses a camera having a recording/reproducing apparatus (Fig. 1,3 column 3-4) for reproducing the images signals from the memories of the camera. The apparatus comprises:

- a first storing means (20) for storing a plurality of images column 2, lines 61-65);

- a second memory (7) for storing a plurality of images (column 4, lines 60-65);

- a reproducing means for reproducing the image signals from the first memory and the image signal from the second memory (column 3, lines 1-10 lines 60-68); and

- a changer means (14,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively (column 18, lines 17-26, column 7, lines 14-20).

Kinoshita further teaches that the first memory is detachable and second memory is fixed (Fig. 3). Kinoshita fails to specifically teach that the first memory is installed inside the body of the camera. Takahashi teaches a camera that having first memory and a second memory for storing the images, the second memory is detachable and inside the body of the camera (column 10,

Art Unit: 2615

lines 29-40, Fig. 10) as an alternative arrangement of the second memory for the camera. Therefore, it would have been obvious to one of ordinary skill in the art to modify Kinoshita with Takahashi by using the teaching of Takahashi for mod the camera body of Kinoshita and the first memory and to arrange the first memory to be detachable and is inside the body of the camera as an alternative arrangement of the first memory for the camera.

8. Claims 50 and 52-55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Konishita et al (4,897,732) in view of Takahashi (5,067,029) and Pfeiler et al (4,709,385).

Regarding claims 50 and 52-55, Konishita discloses a camera having a recording/reproducing apparatus (Fig. 1, column 3-4) for reproducing the images signals from the memories of the camera. The apparatus comprises:

- a first storing means (20) for storing a plurality of images (column 3);

- a second memory (7) for storing a plurality of images (column 4, lines 60-65);

- a reproducing means for reproducing the image signals from the first memory and the image signal from the second memory (column 3, lines 1-10 lines 60-68); and

- a changer means (14,11) for selecting a reproduction of either the image signals from the first memory or second memory in accordance with a first condition or second condition respectively.

Art Unit: 2615

Kinoshita further teaches that the first memory is detachable and second memory is fixed . Kinoshita fails to specifically teach that is installed inside the body of the camera .

Takahashi teaches a camera that having first memory and a second memory , wherein the second memory can be detached and is inside the camera body (column 10, lines 29-40, Fig. 10) as an alternative arrangement of the second memory. Therefore, it would have been obvious to one of ordinary skill in the art to modify Kinoshita with Takahashi by using the teaching of Takahashi for modify the camera body of Kinoshita to arrange the first memory to be detachable from the camera body as an alternative arrangement of the first memory

Kinoshita fails to teach the use of a buffer memory for storing the image from the first memory or second memory Pfeiler teaches a camera having a memory receiving the images from one of two memories (8,9) (Fig. 1, image memory 12) via electrical connections . Therefore, it would have been obvious to one of ordinary skill in the art to modify Tojo by using a memory as taught by Pfeiler for storing the image signals from the first memory or second memory in order to easily control the timing of the image signal to be output to another device.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUY T NGUYEN whose telephone number is (703) 305-4775. The examiner can normally be reached on 8:30AM -6:00PM.

Art Unit: 2615

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Christensen can be reached on (703) 308-9644. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
HUY NGUYEN  
PRIMARY EXAMINER

H.N